

12/6 - 40
142

5

Profile Deck.

Swan Hunter & W.R.

Nos 1369 - 1371 - 3 - 5.

Manicouagan X - 30 - 10 - 28.
ex Empire Brother
N/N Manitoulin

1369. "John A. Mc Keller".

1371. "D. H. Houston."

1373. "Ralph Gilchrist"

1375. "Joseph P. Burke"

DELAWARE
CHEYENNE

PLANS TRANSFERRED
TO SISTER VESSEL

Sorelcooe *

Profile Deck

Swan Hunter 1369-71-3-5

Bay

004512-004519-0207



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Foundation

N° 1869-71-3-5 SHIPS
PROFILE & DECKS.

DIMENSIONS: - 253'-0" B.P. x 43'-4" Ex.T. x 20'-0" D.M.L.D.

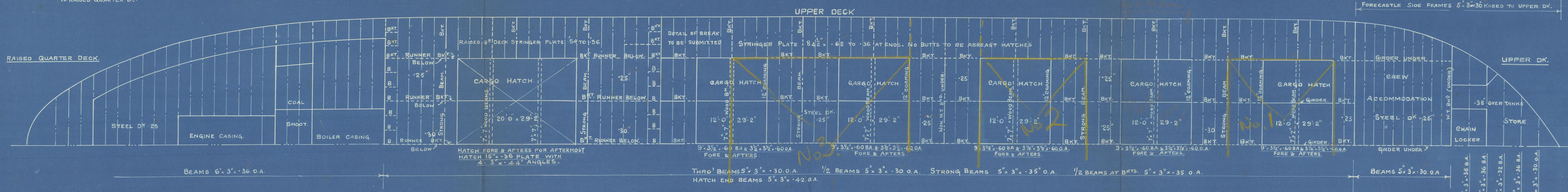
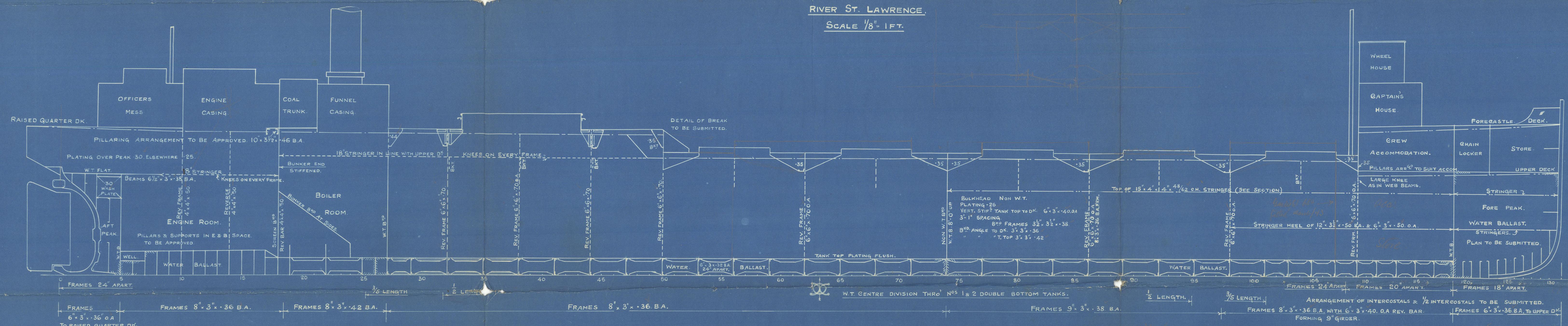
TO CLASS B.S* FOR SERVICE ON GREAT LAKES &

23 OCT 1928

Approved *[Signature]*
30 ID 28

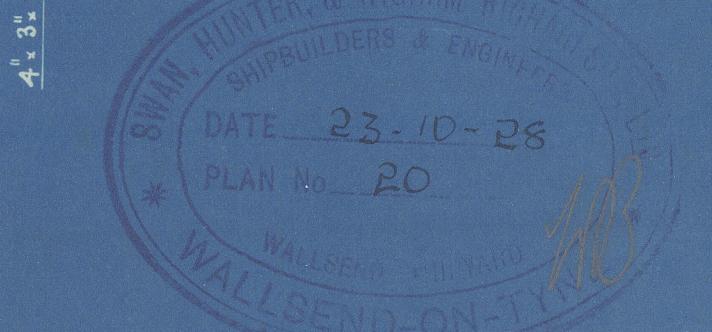
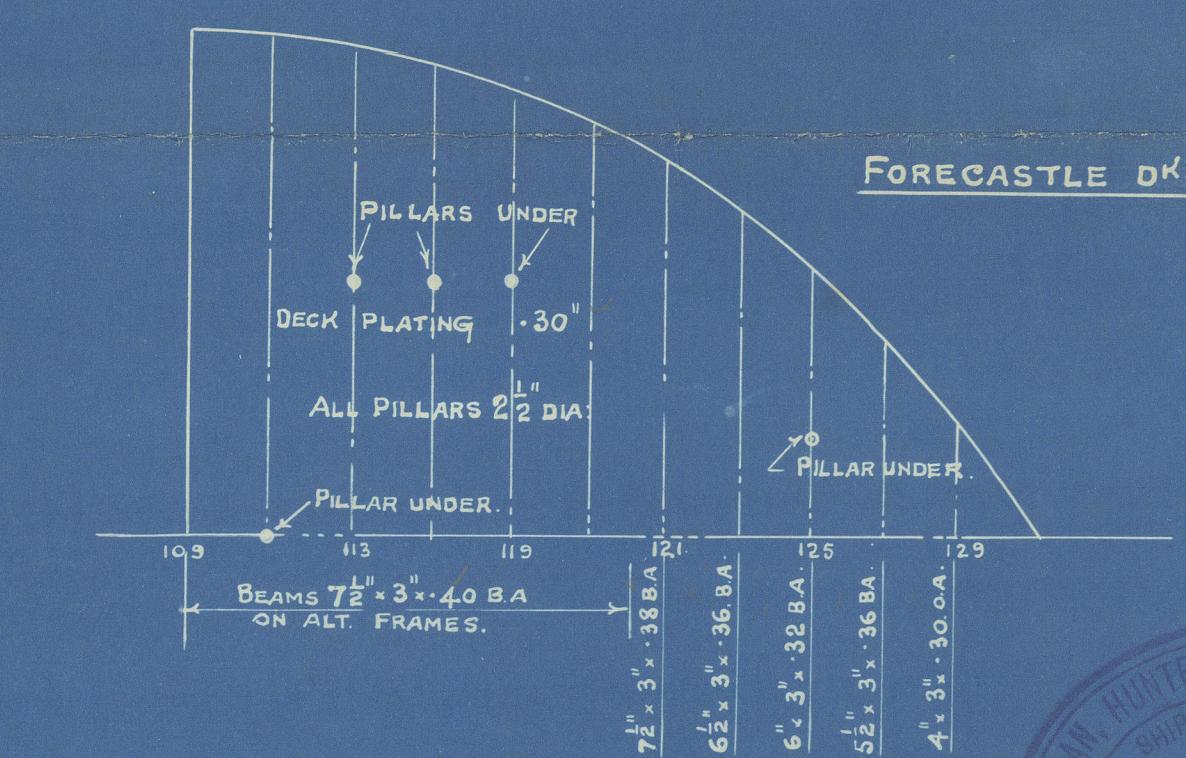
RIVER ST. LAWRENCE.

SCALE 1/8" IFT.



DETAIL OF RUNNER & CONNECTION
UNDER AFTERMOST HATCH.

SCALE 1/2" = 1 FOOT.



H
Midship Section.

Swan Hunter & W.R.

Nos 1369-1371-3-5.

manicouagan *

ex EMPIRE ROTHER 30-10-28.

1369. John D. Mc Keller.

1371 D. H. Houson. -

1373. Ralph Gilchrist

1375. Joseph D. Burke.

DELAWARE

PLANS TRANSFERRED

TO WATER VESSEL

20-0-4

4-6

Soreldoe *

4-5-4

20-0-4
4-5-4
15-7

004512-004519-0206



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4
Midship Section

Swan Hunter B69-1-3-5.

Bag.

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N° 1369-7-3.5 SHIPS
MIDSHIP SECTION.

DIMENSIONS: 253'-0" B.P. x 43'-4" EXTME x 20'-0" M^{LD}.

EQUIPMENT.

2 BOWER ANCHORS STOCKLESS EACH 36 GWT'S.
1 STREAM EX-STOCK 114"
210 FTNS. 1/16" STUD CHAIN CABLE.
75' 3/2" STEEL STREAM WIRE.
105' 3/2" WIRE TOWLINE.
2-90' 6/2" HAWSERS.
2-90' 5"

FORECASTLE
On House Aft

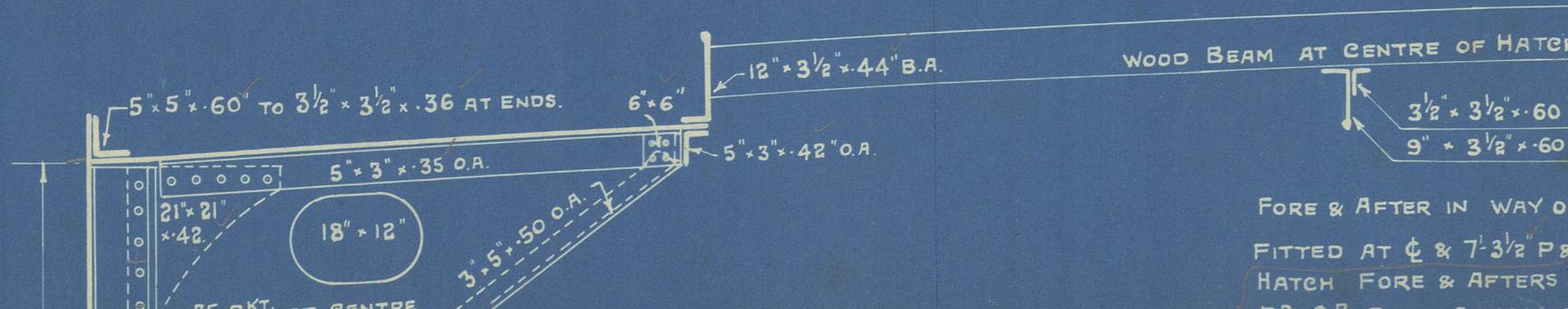
19/10/04

TO CLASS B.S.* FOR SERVICE ON GREAT LAKES AND RIVER ST. LAWRENCE.

SCALE: 1/2" = 1 FOOT.

STRINGER PLATE 34 1/2" x 62 TO 36 AT ENDS BEYOND HATCHWAYS.

QUAD. RIV. BUTTS TO BE CLEAR OF HATCHWAYS



FRAME SPACING: A.P.-108 = 24' APART.

108 - 119 = 20'

119 - 130 = 18'

FRAMES IN AFT PEAK. 6" x 3" x 36 B.A's.

" ENGINE ROOM 8 x 3 x 36 "

" BOILER ROOM 8 x 3 x 42 "

" N° 2 HOLD 8 x 3 x 36 "

" N° 1 HOLD 9 x 3 x 36 B.A. (FRM 75-97)

" WAY OF DEEP BEAMS TO HAVE 8" x 3" x 36 B.A. WITH

6" x 6" x 70 REV. BAR FORMING 9" GIRD.

" FORE PEAK 6" x 3" x 36 B.A. TO UPPER DK.

" FORECASTLE 5" x 3 x 30 O.A. KNEED TO UPPER DK.

" N° 1 HOLD (FRMS. 88-118) 8" x 3" x 36 B.A. WITH

6" x 3" x 40 REV. BAR ON EVERY FRAME FORMING

9" GIRD. (SEE SECTION.)

MARGIN PLATE 40-46 IN B. SPACE.

DOUBLE RIV. OVERLAPPED BUTTS.

2 1/2" x 2 1/2" x 30.

2 1/4" x 38 CONTINUOUS W.T. PLATE.

5" x 5" x 40-46 B.S.

STIFFENERS BETWEEN FLOORS 6" x 3" x 32 B.A's. 22" IN B.S.

SPACED 2'0" APART. BARS SET DOWN IN WAY OF BUTTS. SNIPED 18" AT EACH END.

BOTTOM PLATING 44 TO 38 AFT. 44 FWD.

BUTTS LAPPED & TREBLE RIV. FOR 1/2 L.

TO DOUBLE AT ENDS.

TO CLASS B.S.* FOR SERVICE ON GREAT LAKES AND RIVER ST. LAWRENCE.

SCALE: 1/2" = 1 FOOT.

25 OCT 1928
Approved *[Signature]*

Stringer Plate 84" x 54" to 36"
Raised QR. Deck Plts. 25"

Butts Treble Riveted

5" x 5" x 60 ANGLE.

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Sternframe.

Swan Hunter & W.H.

N^os 1369. 1-3-5.

maniconagan ~~ex~~ Empire Slother 2-11-28.

1369. "John A. Mc Keller"

1371. "A. H. Houston"

1373. "Ralph Gilchrist"

1375. "Joseph S. Burke".

PLANS TRANSFERRED
TO SISTER VESSEL

Soreldoe *



004512-004519-0205

DETAIL OF BOTTOM GUDGEON.

SCALE 3" = 1FT

SPACED 4 1/2" APART REELED

16 OIL BIV. HOLES

CORNERS BUMPER WITH 1 1/2" RAD.

3-10 1/2"

4-1/2"

5-1/2"

6"

7-1/2"

8-1/2"

9-1/2"

10"

11"

12"

13"

14"

15"

16"

17"

18"

19"

20"

21"

22"

23"

24"

25"

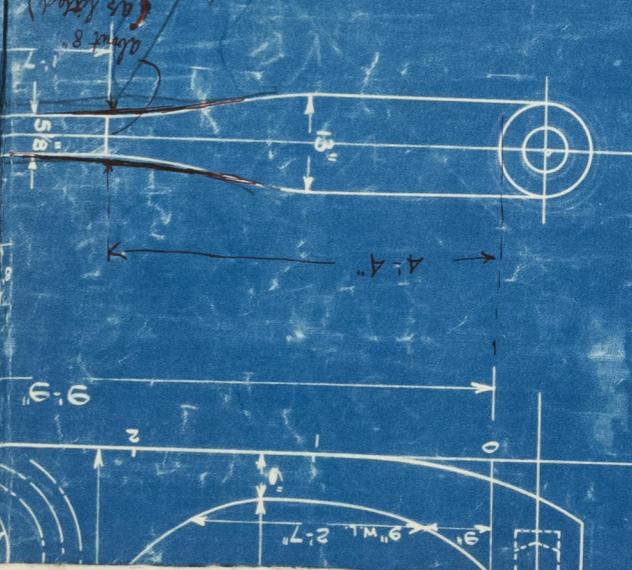
26"

27"

28"

29"

30"



I
Sternframe

Swan Hunter 1369.1-3-5

Bag

004512-004519-0205



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Foundation

Nos

1369-71-3-5 SHIPS.

250611928

STERNFRAME.

OF FORGED STEEL TO PASS BRITISH CORPT TESTS.
FOR SERVICE ON THE GREAT LAKES & RIVER ST. LAWRENCE.

SCALE 1/2" = 1 FT

DIMENSIONS GIVEN ARE TO BE CAREFULLY WORKED TO, & NOT EXCEEDED, AS WE ONLY PAY ON WEIGHTS CALCULATED TO THESE DIMENSIONS.

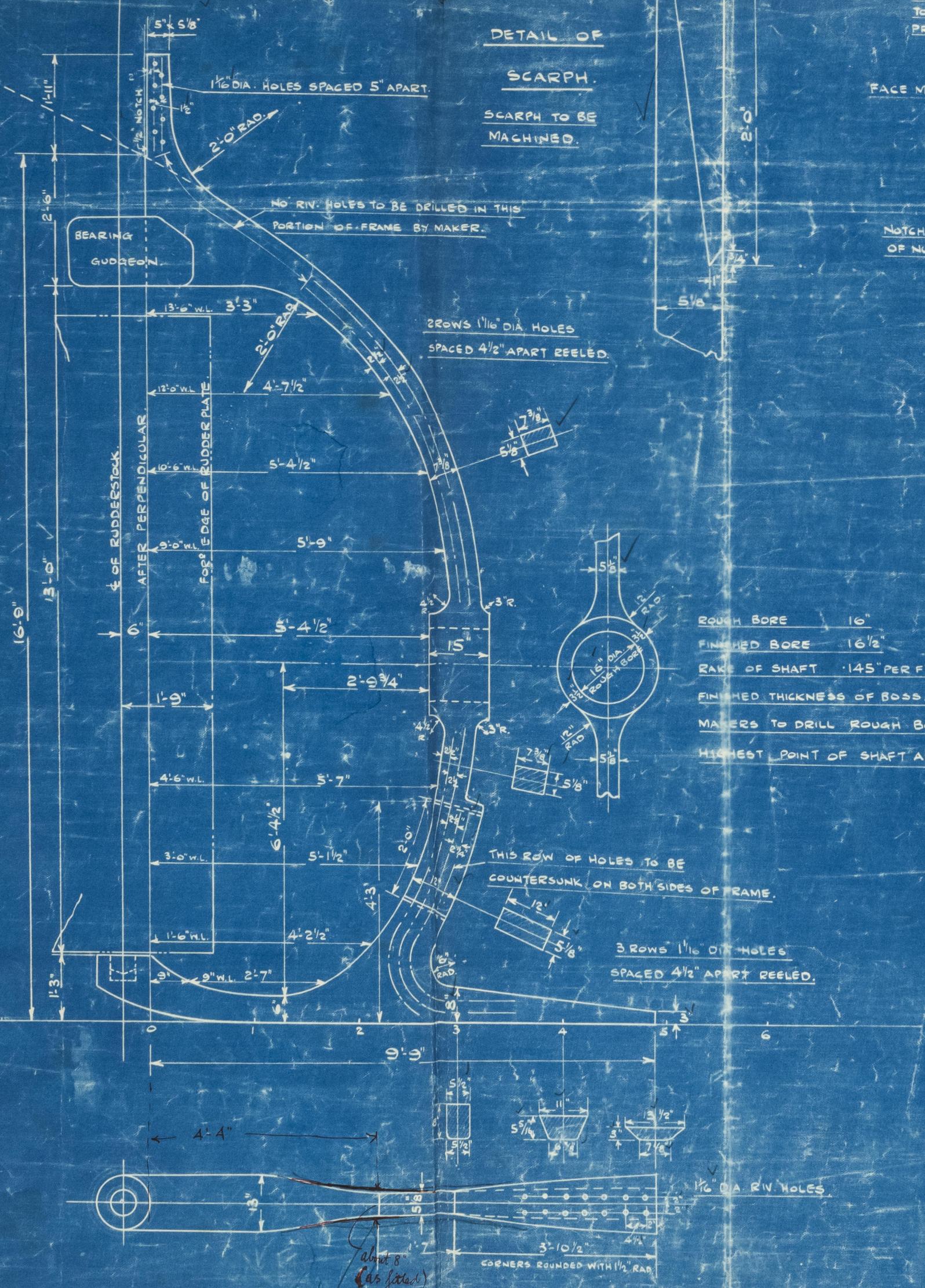
FRAME NOT TO BE PAINTED BUT TO HAVE A COAT OF OIL.

CENTRE LINE OF BEARING GUDGEON & BOTTOM GUDGEON TO
BE IN A STRAIGHT LINE & SQUARE TO BASE LINE

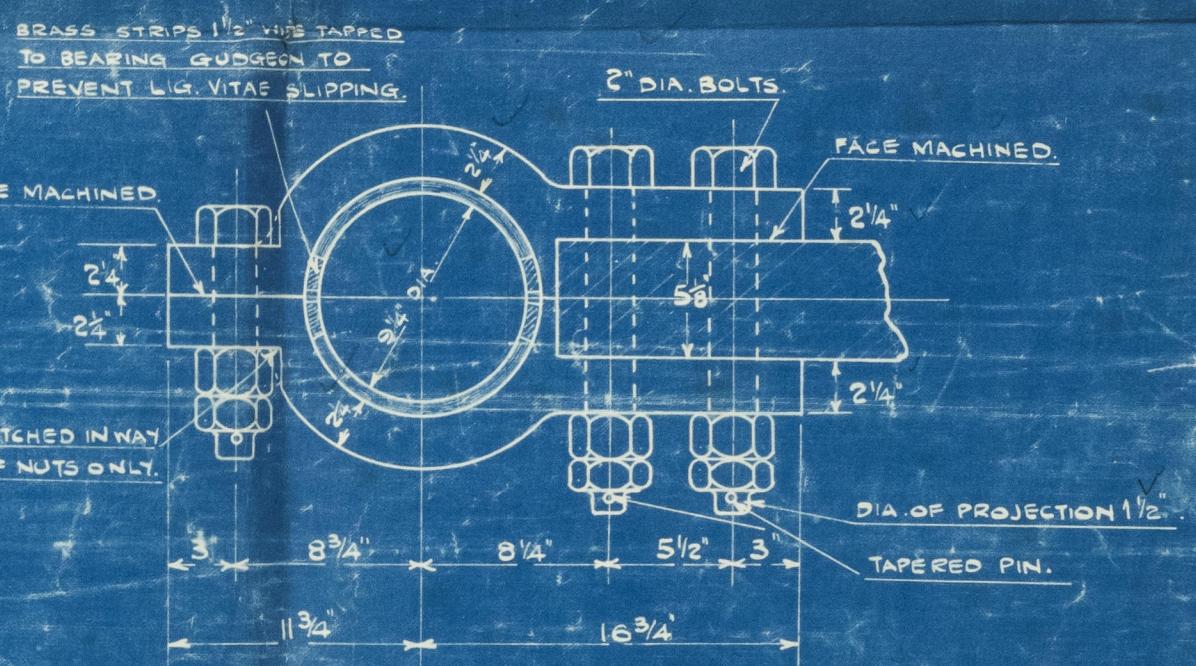
WEIGHT OF FRAME TO BE PAINTED ON BEFORE DESPATCH

ALL DRILLING & MACHINING TO BE DONE BY MAKERS.
SPECIAL CARE TO BE TAKEN THAT HEIGHT OF CENTRE OF SHAFT

ABOVE BASE LINE IS CORRECT & THICKNESS OF BOTTOM
PIECE NOT EXCEEDED.

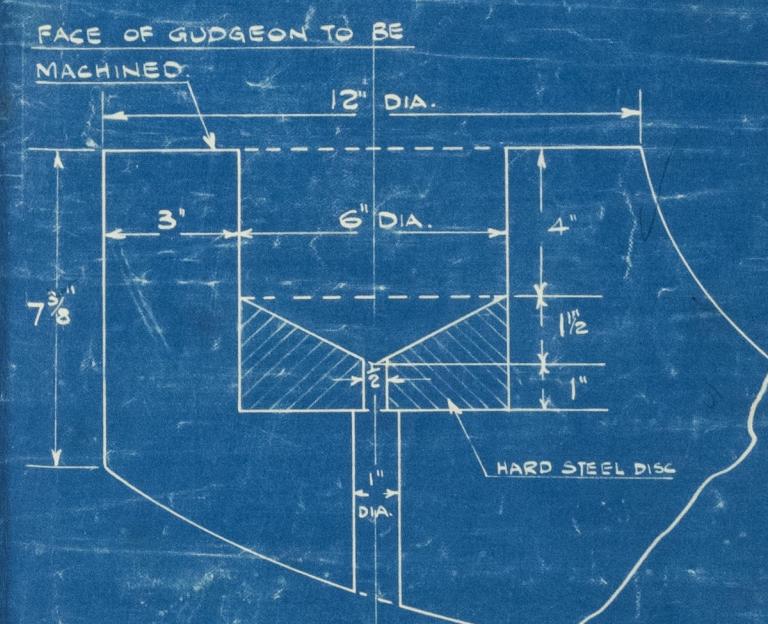


BOLTS IN GUDGEON TURNED & FITTED.



DETAIL OF BEARING GUDGEON.

SCALE 1 1/2" = 1 FT



DETAIL OF BOTTOM GUDGEON

SCALE, 3" = 1 FT.



Rudder

Swan Hunter 1369-1-3-5.

Bar



6

Rudder.

Swan Hunter & W.R.

N^os 1369-1371-3-5

manicouagan *
ex Empire Rother.

30-10-28.

1369. "John W. Mc Keller"

1371. "E. H. Houston."

1373. "Ralph Gilchrist"

1375. "Joseph A. Burke".

PLANS TRANSFERRED
TO SISTER VESSEL

Soreldor *

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